

## Universal Wire Works 90SB-3L Steel Welding Wire

Category : Metal , Ferrous Metal , Carbon Steel

### Material Notes:

The 90SB-3L alloy is the same as the 90SB-3 alloy with the exception of a restricted carbon content. Universal 90SB-3 is a 2.25% chromium and 1% molybdenum alloy for welding on steel of similar composition. This alloy is designed for joints in process piping systems, boilers, or pressure vessels. Weld deposits require preheat and postweld heat treatments for optimum mechanical properties. Information provided by Universal Wire Works for their line of welding wire and filler metal.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Universal-Wire-Works-90SB-3L-Steel-Welding-Wire.php](http://www.lookpolymers.com/polymer_Universal-Wire-Works-90SB-3L-Steel-Welding-Wire.php)

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	621 MPa	90000 psi	
Tensile Strength, Yield	538 MPa	78000 psi	
Elongation at Break	17 %	17 %	

Component Elements Properties	Metric	English	Comments
Chromium, Cr	2.51 %	2.51 %	
Iron, Fe	95.4 %	95.4 %	As Remainder
Manganese, Mn	0.57 %	0.57 %	
Molybdenum, Mo	0.98 %	0.98 %	
Silicon, Si	0.52 %	0.52 %	

## Contact Songhan Plastic Technology Co.,Ltd.

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